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L6: Entry 12 of 17

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Dec 18, 2001

DERWENT-ACC-NO: 1999-582803
DERWENT-WEEK: 200205
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TITLE: Novel bacteria used for production of L-glutamic acid

INVENTOR: HARA, Y; ITO, H ; IZUI, H ; MATSUI, K ; MORIYA, M ; ONO, E

PATENT-ASSIGNEE: AJINOMOTO CO INC (AJIN), AJINOMOTO KK (AJIN)

PRIORITY-DATA: 1998JP-0297129 (October 19, 1998), 1998JP-0069068 (March 18, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 6331419 B1	December 18, 2001		000	C12N001/00
EP 952221 A2	October 27, 1999	E	032	C12N015/53
AU 9921223 A	September 30, 1999		000	C12N001/20
CN 1233660 A	November 3, 1999		000	C12P013/14
BR 9901173 A	March 28, 2000		000	C12N009/06
JP 2000189169 A	July 11, 2000		024	C12N015/09
KR 99077973 A	October 25, 1999		000	C12P013/14
US 2001019836 A1	September 6, 2001		000	C12N001/20

DESIGNATED-STATES: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT
RO SE SI

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
US 6331419B1	March 18, 1999	1999US-0271438	
EP 952221A2	March 17, 1999	1999EP-0105508	
AU 9921223A	March 16, 1999	1999AU-0021223	
CN 1233660A	March 18, 1999	1999CN-0105549	
BR 9901173A	March 17, 1999	1999BR-0001173	
JP2000189169A	March 15, 1999	1999JP-0068343	
KR 99077973A	March 17, 1999	1999KR-0008985	
US2001019836A1	March 18, 1999	1999US-0271438	Cont of
US2001019836A1	February 16, 2001	2001US-0784208	

INT-CL (IPC): C12 N 1/00; C12 N 1/20; C12 N 1/21; C12 N 9/06; C12 N 9/88; C12 N 15/09; C12 N 15/53; C12 N 15/60; C12 P 1/04; C12 P 13/04; C12 P 13/14; C12 N 1/20; C12 R 1:01; C12 R 1:425; C12 N 1/20; C12 N 1/20; C12 P 13/14; C12 P 13/14; C12 R 1:01; C12 R 1:01; C12 R 1:425; C12 R 1:425

ABSTRACTED-PUB-NO: EP 952221A

BASIC-ABSTRACT:

NOVELTY - Microorganisms belonging to the genus Enterobacter or Serratia which have the ability to produce L-glutamic acid and, either increased activity of an enzyme catalyzing a reaction in the l-glutamic acid biosynthesis, or decrease activity or deficiency in an activity or enzyme which catalyzes a reaction branching from the pathway of L-glutamic acid biosynthesis, are new.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for the production

L-glutamic acid comprising culturing the microorganism in a liquid culture medium to accumulate the L-glutamic acid in the culture medium and collecting the L-glutamic acid from the culture medium.

USE - The microorganisms are used in a method for producing L-glutamic acid (claimed). The L-glutamic acid is used as an additive in food or in drugs.

ADVANTAGE - The novel bacterium have a high ability to produce L-glutamic acid which improves efficiency and reduces costs.

ABSTRACTED-PUB-NO: US 6331419B
EQUIVALENT-ABSTRACTS:

NOVELTY - Microorganisms belonging to the genus Enterobacter or Serratia which have the ability to produce L-glutamic acid and, either increased activity of an enzyme catalyzing a reaction in the l-glutamic acid biosynthesis, or decrease activity or deficiency in an activity or enzyme which catalyzes a reaction branching from the pathway of L-glutamic acid biosynthesis, are new.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for the production L-glutamic acid comprising culturing the microorganism in a liquid culture medium to accumulate the L-glutamic acid in the culture medium and collecting the L-glutamic acid from the culture medium.

USE - The microorganisms are used in a method for producing L-glutamic acid (claimed). The L-glutamic acid is used as an additive in food or in drugs.

ADVANTAGE - The novel bacterium have a high ability to produce L-glutamic acid which improves efficiency and reduces costs.

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CHOSEN-DRAWING: Dwg.0/10

DERWENT-CLASS: B04 D13 D16
CPI-CODES: B04-F10; B04-F10A; B10-B02J; D03-H01; D05-A02; D05-C01; D05-H04;